

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A fishing reel comprising:

a reel body;

a spool rotatably supported by the reel body;

a revolutions counter detector for detecting number of revolutions of the spool;

a line measurement device for measuring line length based on the result detected by the revolutions counter detector;

an informing device for informing an angler about fishing information;

a receiver for receiving a signal which includes the fishing information and is transmitted from a transmitter; and

a controller for controlling the informing device to inform the angler about the fishing information from the receiver,

wherein said fishing information includes fishfinder information transmitted from an exterior fishfinder through said receiver and said transmitter;

wherein said information device includes a display which simultaneously displays said fishfinder information and the measured line length.

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2. (original): The fishing reel according to claim 1, wherein the informing device is a display for displaying the line length measured by the line measurement device, and the controller displays the fishing information on the display.

3. (original): The fishing reel according to claim 1, wherein the fishing information transmitted from the transmitter is data processed in at least one of a fishfinder and a GPS installed in a boat.

4. (previously presented): The fishing reel according to claim 1, wherein the fishing information transmitted from the transmitter is data which is processed in at least one of a fishfinder and a GPS installed in a boat, and the controller processes the data transmitted from the transmitter and sends the processed data to the informing device.

5. (previously presented): The fishing reel according to claim 1, wherein the signal from the transmitter to the receiver is transmitted by one of a radio and a wire.

6. (currently amended): A fishing reel for winding a fishline on a spool, comprising:
a receiver for receiving fishing information from an outside of the fishing reel;
an informing device for informing an angler about the fishing information; and

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a computer for receiving the fishing information from the receiver and sending the received fishing information to the informing device,

wherein said fishing information includes fishfinder information transmitted from an exterior fishfinder through said receiver and a transmitter;

wherein said information device includes a display which simultaneously displays said fishfinder information and measured line length.

7. (original): The fishing reel according to claim 6, wherein the computer processes the fishing information.

8. (original): The fishing reel according to claim 6, the fishing information is transmitted from a transmitter.

9. (previously presented): The fishing reel according to claim 8, the receiver communicates to the transmitter through one of a wire and a radio.

10. (original): The fishing reel according to claim 6, wherein the computer controls a motor for rotating the spool based on the fishing information.

11. (original): The fishing reel according to claim 6 further comprising: a revolutions counter detector for detecting number of revolutions of the spool; and a line measurement device for measuring line length based on the result detected by the revolutions counter detector.

12. (original): The fishing reel according to claim 6, wherein the fishing information represents at least one of depth of water, water temperature, a tidal current, ebb and flow of the sea, a present position, a fishfinder image, fishing tackle information and fishing technique information.

13. (original): The fishing reel according to claim 6, wherein the fishing information is obtained by at least one of a fishfinder, a GPS, radio information, and information through Internet.

14. (original): The fishing reel according to claim 6, wherein the informing device includes at least one of a display and a speaker.

15. (currently amended): A fishing system comprising:

a transmitter for transmitting fishing information; and

CA a fishing reel for winding a fishline on a spool, including, a receiver for receiving the fishing information from the transmitter, and an informing device for informing an angler about the fishing information from the receiver,

wherein said fishing information includes fishfinder information transmitted from an exterior fishfinder through said receiver and said transmitter;

wherein said information device includes a display which simultaneously displays said fishfinder information and measured line length.

16. (original): The fishing system according to claim 15, wherein the transmitter is installed in a boat and is connected to at least one of a fishfinder and GPS.

17. (previously presented): The fishing system according to claim 15, wherein the receiver communicates to the transmitter through one of a wire and a radio.

18. (original): The fishing system according to claim 15, wherein the fishing information represents at least one of depth of water, water temperature, a tidal current, ebb and flow of the sea, a present position, a fishfinder image, fishing tackle information and fishing technique information.

19. (currently amended): ~~The~~ A fishing system ~~according to claim 15, comprising:~~

1 a transmitter for transmitting fishing information; and

a fishing reel for winding a fishline on a spool, including, a receiver for receiving the fishing information from the transmitter, and an informing device for informing an angler about the fishing information from the receiver,

wherein the transmitter transmits the fishing information to a plurality of the fishing reels.

20. (original): The fishing reel according to claim 15, wherein the transmitter is one of a cellular phone and a radio system.

21. (new): The fishing reel of claim 1, wherein the controller calculates a depth difference between the measured line length and depth of water, and informs the angler of the depth difference at any given time.

22. (new): The fishing reel for winding a fishline on a spool of claim 6, wherein the fishing information includes depth of water, and the computer determines a depth difference between the depth of water and an amount of line that has been reeled out of the fishing reel, and said depth difference is sent to the informing device to inform the angler of the depth difference at any given time.

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23. (new): The fishing system of claim 15, further comprising a computer for receiving the fishing information from the receiver and determining an amount of fishline reeled out of the spool,

wherein the fishing information includes depth of water, and the computer calculates a depth difference between the depth of water and the amount of fishline reeled out of the spool,

and said computer provides the depth difference to an angler at any given time.
